

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022519\
 Data File : BF112706.D
 Acq On : 25 Feb 2019 21:56
 Operator : JU/SJ
 Sample : K1596-05RE
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-14RE

Quant Time: Feb 26 00:36:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	75801	20.00	ng	-0.03
21) Naphthalene-d8	8.10	136	277125	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	114875	20.00	ng	-0.04
64) Phenanthrene-d10	11.34	188	197877	20.00	ng	-0.03
76) Chrysene-d12	13.99	240	179549	20.00	ng	-0.02
87) Perylene-d12	15.46	264	143666	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	565650	158.50	ng	0.00
7) Phenol-d6	6.48	99	611823	123.38	ng	-0.01
23) Nitrobenzene-d5	7.38	82	483184	100.46	ng	-0.03
42) 2,4,6-Tribromophenol	10.65	330	190187	142.24	ng	-0.04
45) 2-Fluorobiphenyl	9.17	172	884675	108.92	ng	-0.04
79) Terphenyl-d14	12.92	244	848014	88.96	ng	-0.04

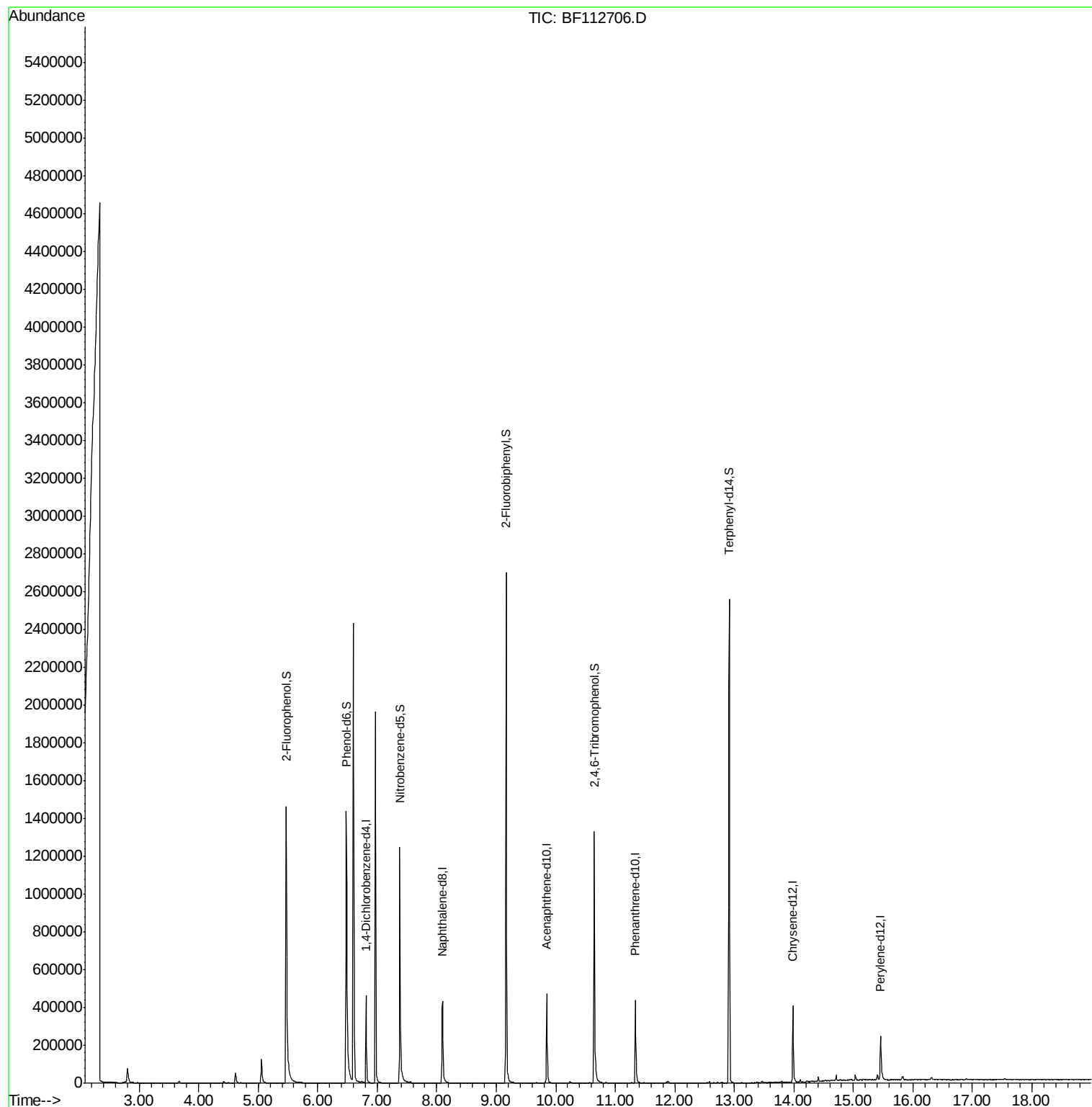
Target Compounds Qvalue

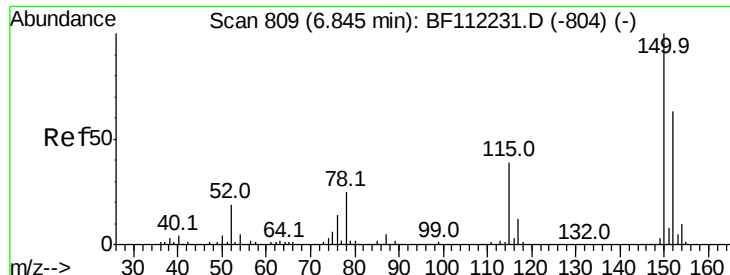
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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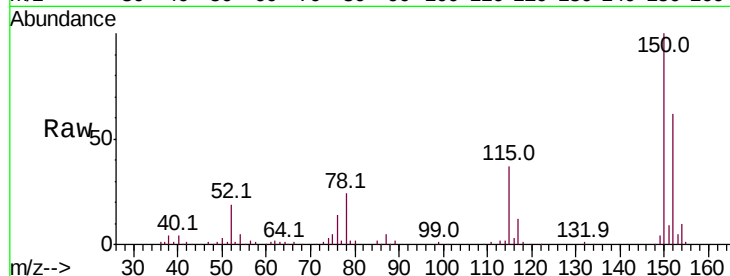


#1

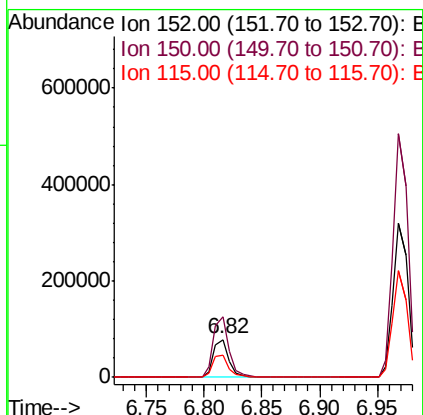
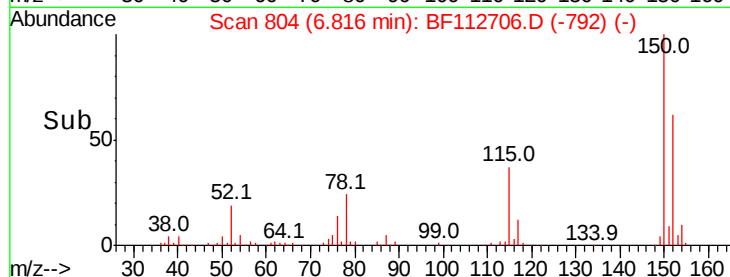
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 804
 Delta R.T. -0.03 min
 Lab File: BF112706.D
 Acq: 25 Feb 2019 21:56

Instrument :
 BNA_F
 ClientSampleId :
 COMP-14RE

Tot Ion:152 Resp: 75801
 Ion Ratio Lower Upper
 152 100
 150 161.1 127.4 191.0
 115 59.8 45.5 68.3



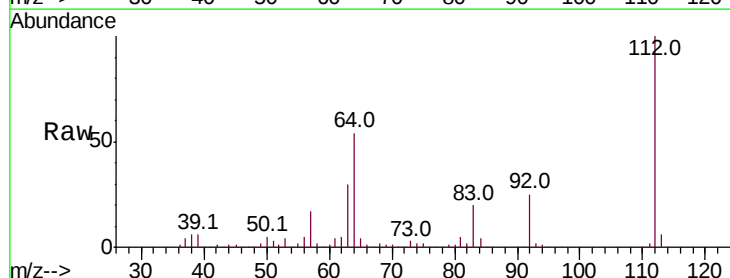
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



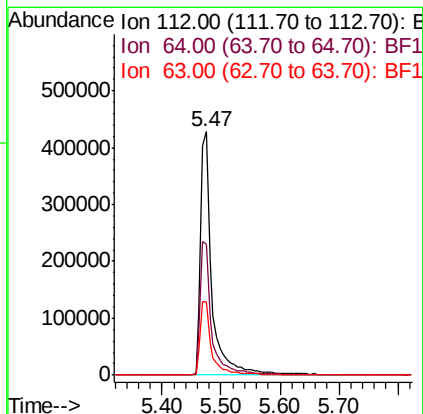
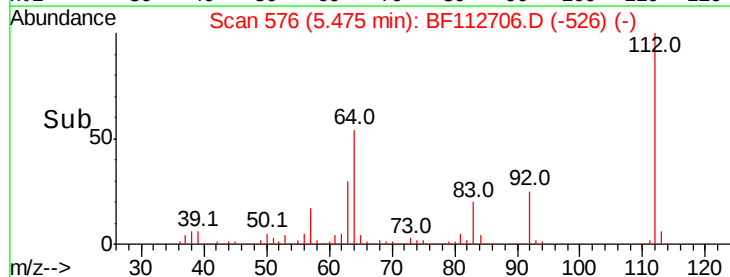
#5

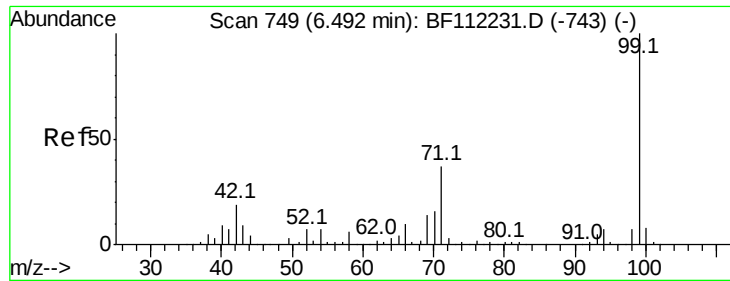
2-Fluorophenol
 Concen: 158.504 ng
 RT: 5.47 min Scan# 576
 Delta R.T. -0.01 min
 Lab File: BF112706.D
 Acq: 25 Feb 2019 21:56

Tgt Ion:112 Resp: 565650
 Ion Ratio Lower Upper
 112 100
 64 53.6 45.7 68.5
 63 30.4 23.6 35.4



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 123.380 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF112706.D

Acq: 25 Feb 2019 21:56

Instrument :

BNA_F

ClientSampleId :

COMP-14RE

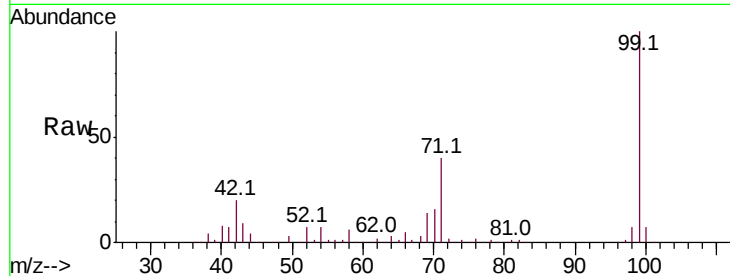
Tot Ion: 99 Resp: 611823

Ion Ratio Lower Upper

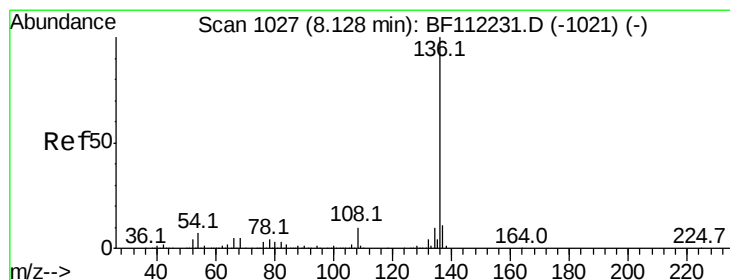
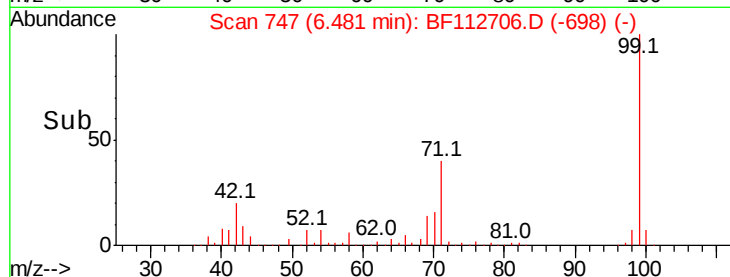
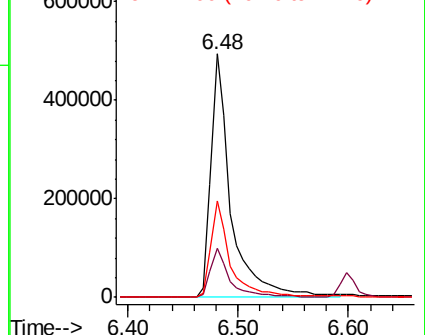
99 100

42 20.0 15.1 22.7

71 39.7 26.9 40.3



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.03 min

Lab File: BF112706.D

Acq: 25 Feb 2019 21:56

Tgt Ion: 136 Resp: 277125

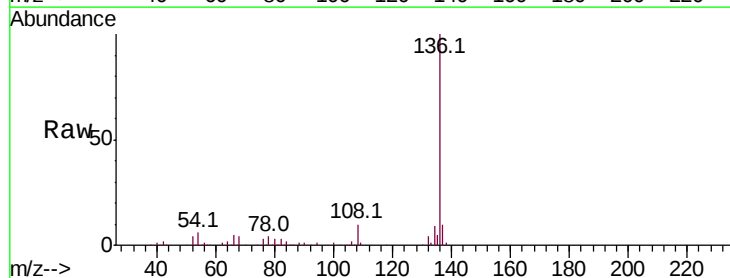
Ion Ratio Lower Upper

136 100

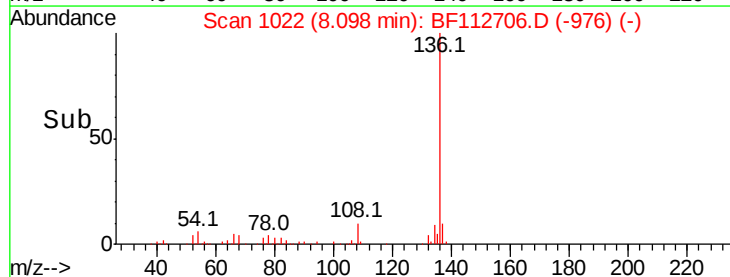
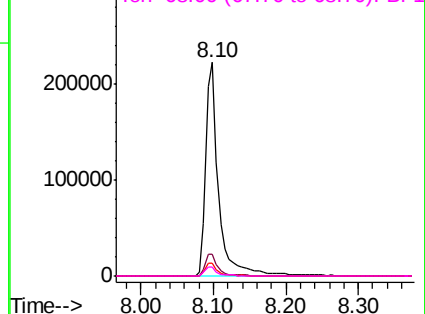
137 10.4 9.1 13.7

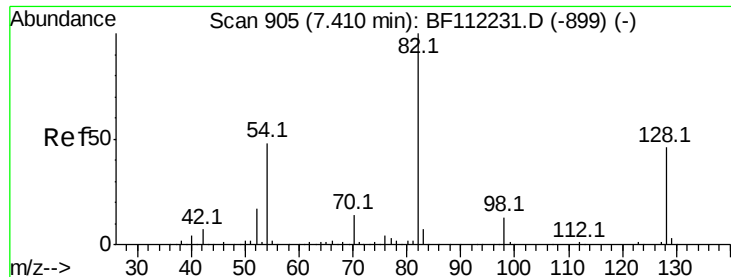
54 6.0 5.9 8.9

68 3.9 5.1 7.7#



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1





#23

Nitrobenzene-d5

Concen: 100.464 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.03 min

Lab File: BF112706.D

Acq: 25 Feb 2019 21:56

Instrument :

BNA_F

ClientSampled :

COMP-14RE

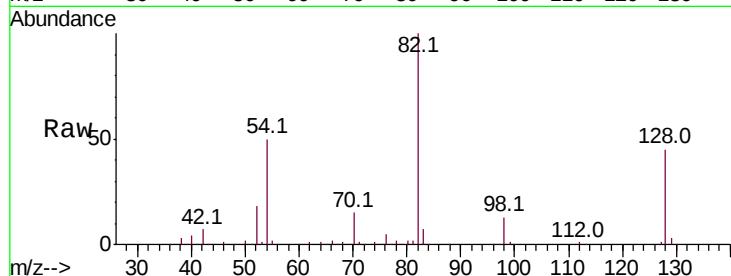
Tot Ion: 82 Resp: 483184

Ion Ratio Lower Upper

82 100

128 44.5 37.8 56.8

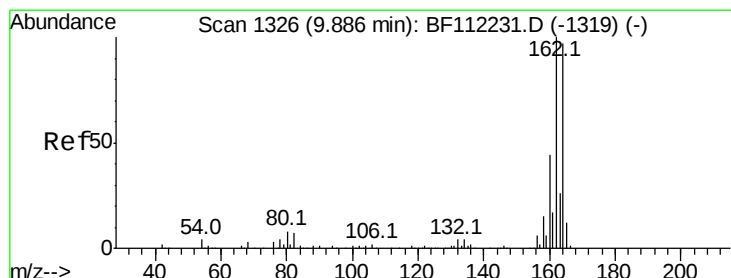
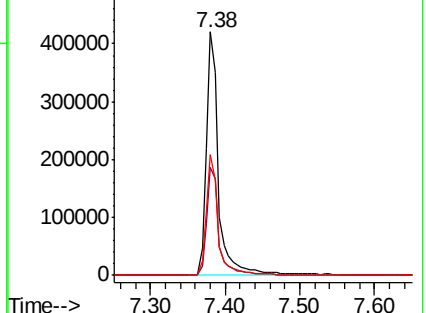
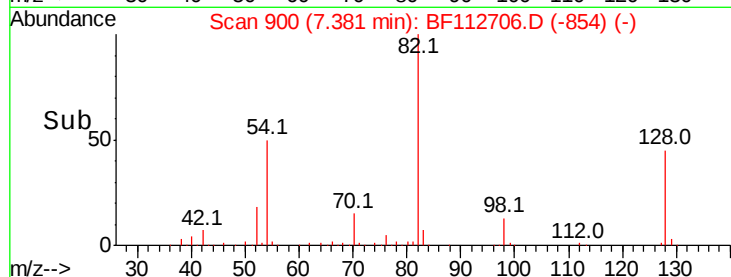
54 49.5 39.7 59.5



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.04 min

Lab File: BF112706.D

Acq: 25 Feb 2019 21:56

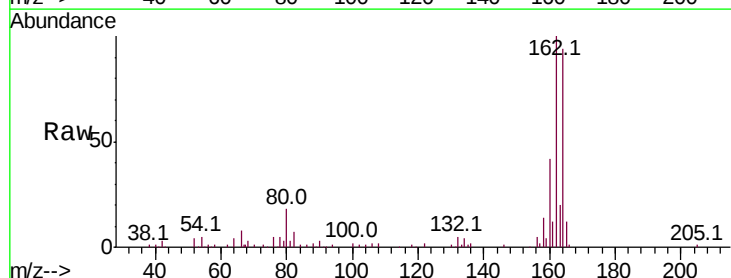
Tgt Ion:164 Resp: 114875

Ion Ratio Lower Upper

164 100

162 106.1 82.2 123.4

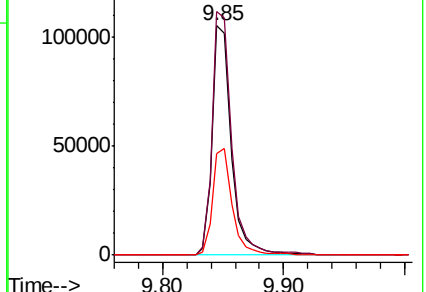
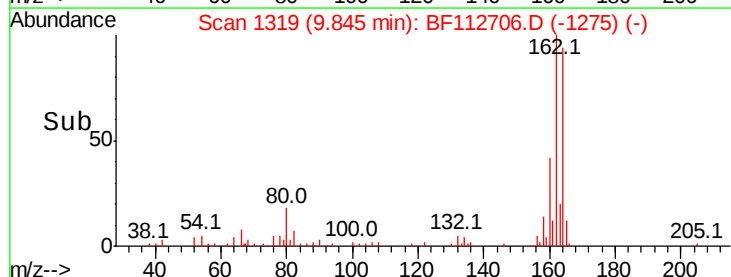
160 44.2 36.2 54.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

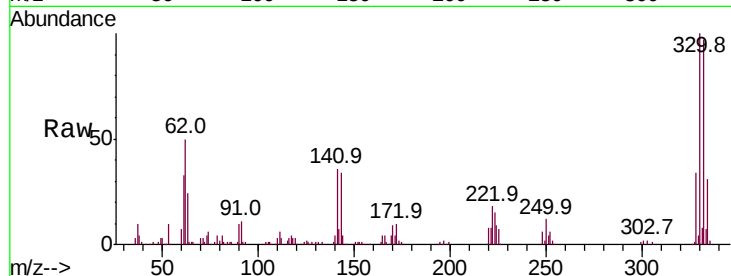




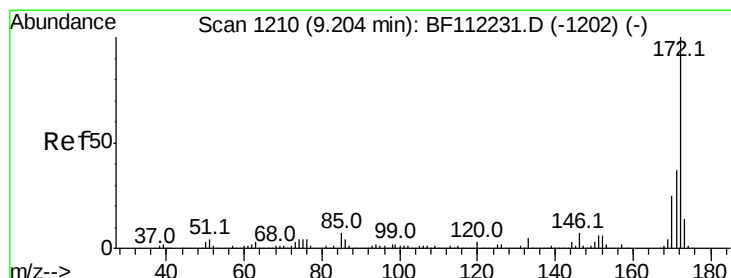
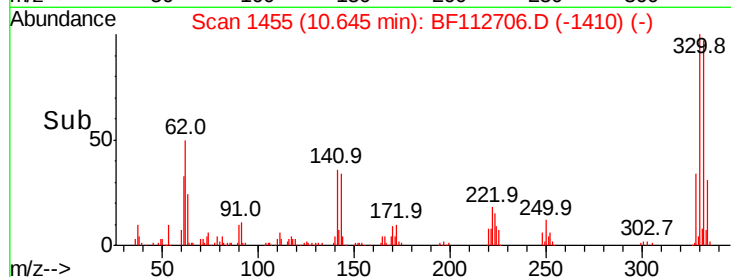
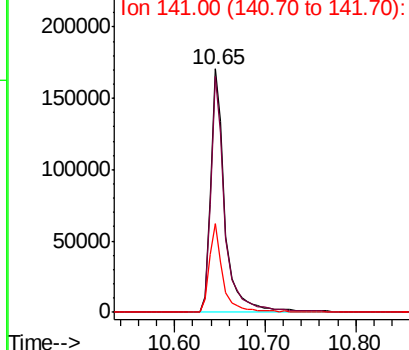
#42
 2,4,6-Tribromophenol
 Concen: 142.237 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.04 min
 Lab File: BF112706.D
 Acq: 25 Feb 2019 21:56

Instrument :
 BNA_F
 ClientSampleId :
 COMP-14RE

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.6	114.8
141	35.2	24.3	36.5

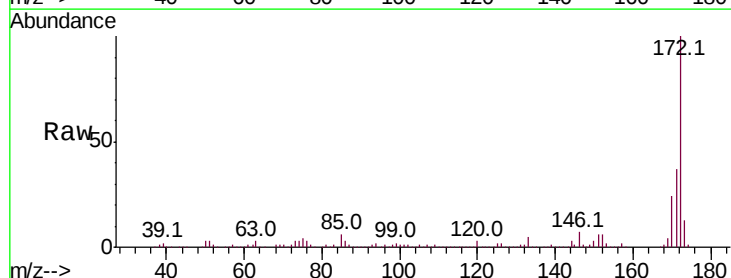


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

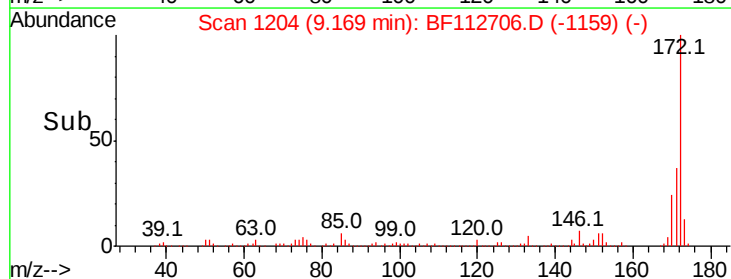
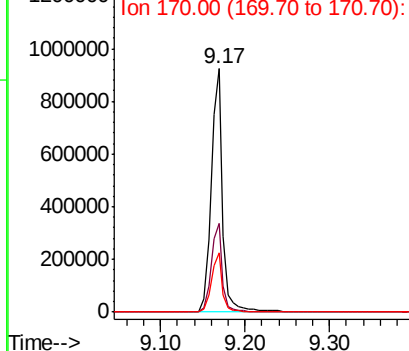


#45
 2-Fluorobiphenyl
 Concen: 108.921 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.04 min
 Lab File: BF112706.D
 Acq: 25 Feb 2019 21:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	30.5	45.7
170	24.3	20.2	30.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

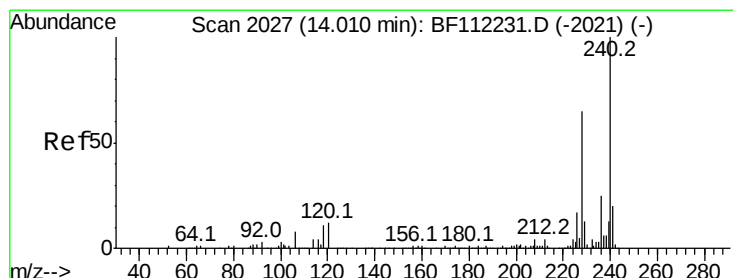
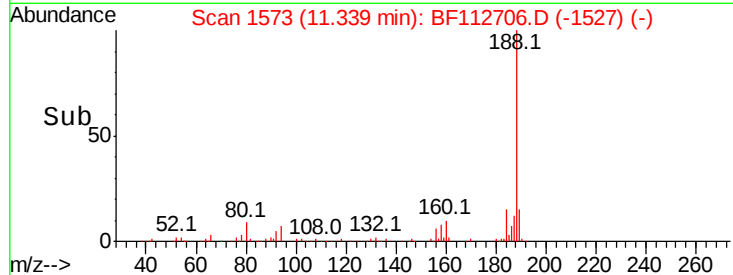
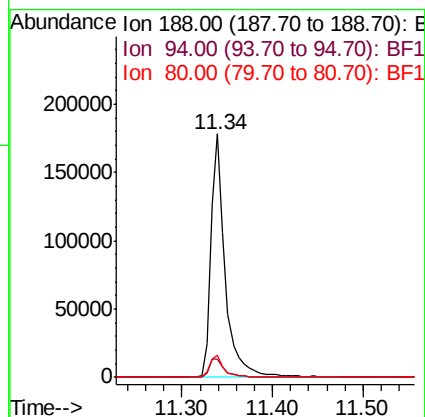
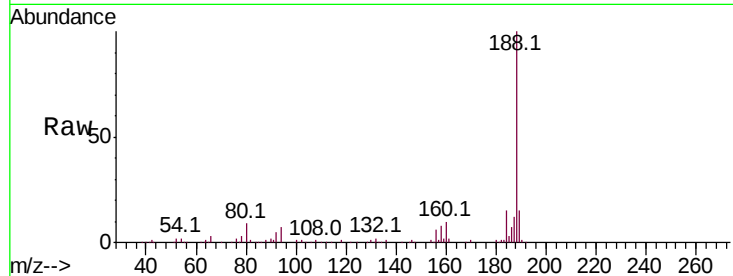




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.03 min
Lab File: BF112706.D
Acq: 25 Feb 2019 21:56

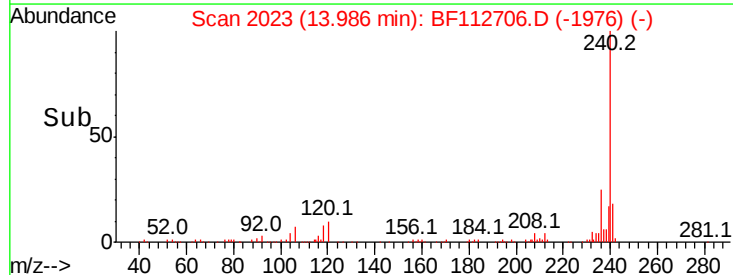
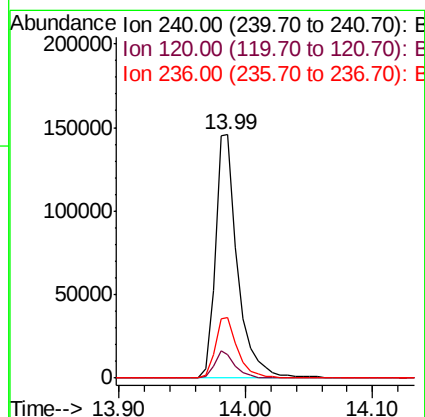
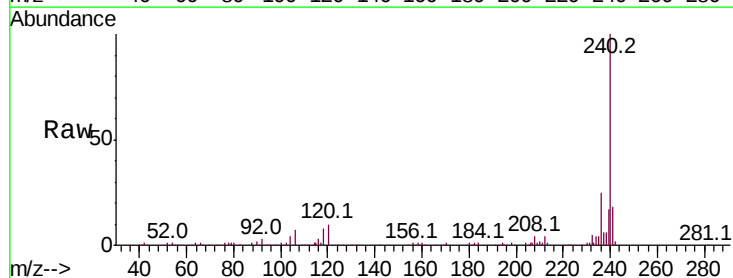
Instrument :
BNA_F
ClientSampleId :
COMP-14RE

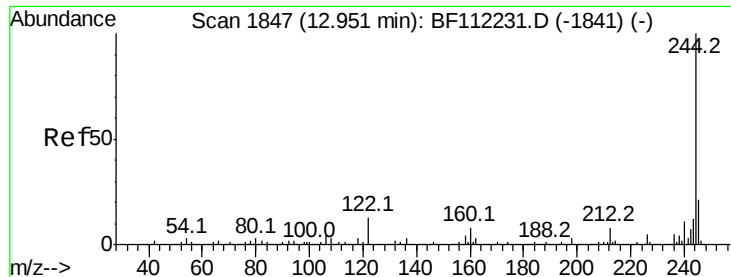
Tot Ion:188 Resp: 197877
Ion Ratio Lower Upper
188 100
94 7.4 8.2 12.2#
80 9.2 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.02 min
Lab File: BF112706.D
Acq: 25 Feb 2019 21:56

Tgt Ion:240 Resp: 179549
Ion Ratio Lower Upper
240 100
120 9.7 9.0 13.6
236 25.1 20.7 31.1

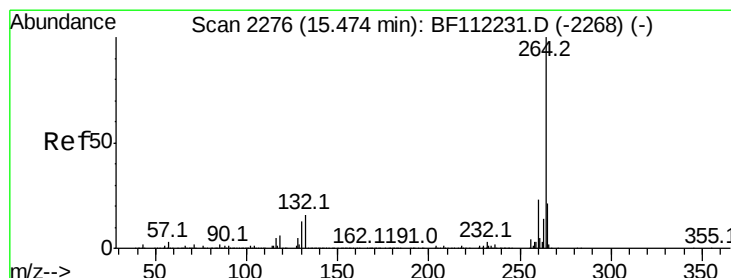
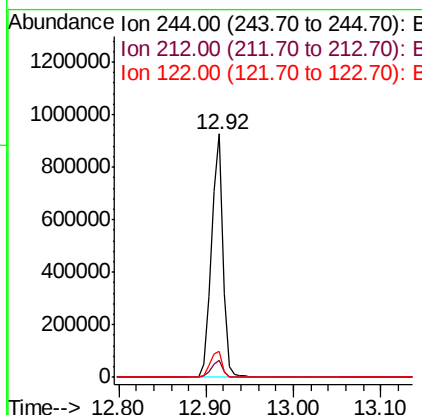
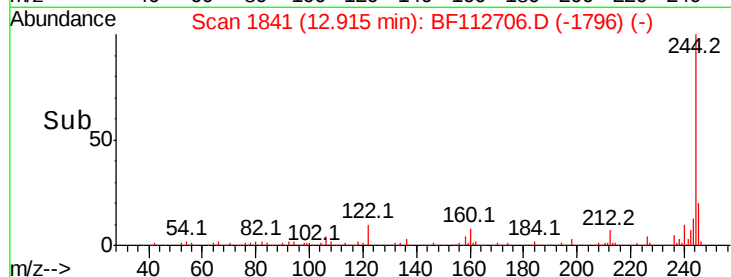
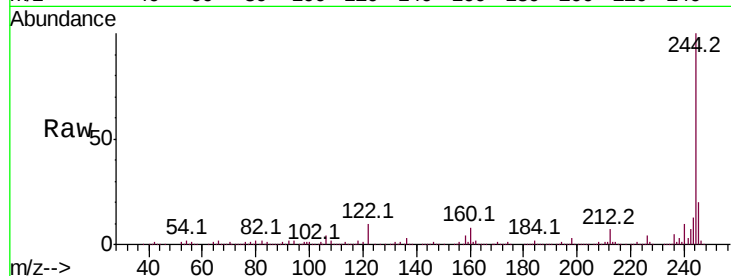




#79
 Terphenyl-d14
 Concen: 88.956 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: BF112706.D
 Acq: 25 Feb 2019 21:56

Instrument :
 BNA_F
 ClientSampleId :
 COMP-14RE

Tot Ion:244 Resp: 848014
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 10.5 9.8 14.6



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2273
 Delta R.T. -0.02 min
 Lab File: BF112706.D
 Acq: 25 Feb 2019 21:56

Tgt Ion:264 Resp: 143666
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.2 27.2
 265 19.0 17.0 25.4

